WEST Search History

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DATE: Thursday, September 15, 2005

Hide?	Set Name	Query	Hit Count
		DB=DWPI; PLUR=YES; OP=OR	
☐	L32	hydrogel and (spray or sprayed or spraying or mist or misted or misting or aerosol) and (dental or tooth or teeth)	1
		DB=PGPB; PLUR=YES; OP=OR	
☐	L28	(dental or tooth or teeth) and ("thermally reversible" or "thermally responsive" or thermoresponsive or thermoreversible).ab. and hydrogel and (spray or sprayed or spraying or mist or misted or misting or aerosol)	1
☐	L27	(dental or tooth or teeth) and ("thermally reversible" or "thermally responsive" or thermoresponsive or thermoreversible) and hydrogel.ab.and (spray or sprayed or spraying or mist or misted or misting or aerosol)	4
☐	L26	((dental or tooth or teeth).ab. and ("thermally reversible" or "thermally responsive" or thermoresponsive or thermoreversible) and hydrogel) and (spray or sprayed or spraying or mist or misted or misting or aerosol)	3
		DB=USPT; PLUR=YES; OP=OR	
☐	L22	(dental or tooth or teeth) and ("thermally reversible" or "thermally responsive" or thermoresponsive or thermoreversible) and hydrogel	32

END OF SEARCH HISTORY

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=> file caplus
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
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FILE COVERS 1907 - 15 Sep 2005  VOL 143 ISS 12
FILE LAST UPDATED: 14 Sep 2005  (20050914/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.

=> que dental or tooth or teeth
L1   QUE DENTAL OR TOOTH OR TEETH

=> que hydrogel
L2   QUE HYDROGEL

=> que thermally(2w)(revers? or respon?) or thermoresponsive or thermorevers?
L3   QUE THERMALLY(2W)(REVERS? OR RESPON?) OR THERMORESPONSIVE OR THERMOREVERS?

=> s l1 and l2 and l3
         42660 DENTAL
         32352 TOOTH
         19720 TEETH
         15656 HYDROGEL
        125913 THERMALLY
        570229 REVERS?
       1959399 RESPON?
          1751 THERMALLY(2W)(REVERS? OR RESPON?)
           510 THERMORESPONSIVE
          1273 THERMOREVERS?
L4           2 L1 AND L2 AND L3

=> d 1,2 bib,ab

L4   ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2005 ACS on STN
AN   2003:356203  CAPLUS
DN   138:358219
TI   Delivery of hydrogel compositions as a fine mist
IN   Oxman, Joel D.; Mitra, Sumita B.
PA   3M Innovative Properties Company, USA
SO   PCT Int. Appl., 31 pp.
     CODEN: PIXXD2
DT   Patent
```

LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003037276	A1	20030508	WO 2002-US30748	20020926
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	US 2003103911	A1	20030605	US 2001-1251	20011101
	US 6620405	B2	20030916		
	CA 2462826	AA	20030508	CA 2002-2462826	20020926
	EP 1439809	A1	20040728	EP 2002-773618	20020926
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	JP 2005507928	T2	20050324	JP 2003-539622	20020926
	US 2004013612	A1	20040122	US 2003-620548	20030716
PRAI	US 2001-1251	A	20011101		
	WO 2002-US30748	W	20020926		

AB **Dental** compns. are provided that can be delivered as a fine mist and that have the capability of undergoing an increase in viscosity in response to an increase in temperature In a preferred embodiment, the compns. also have the ability to reverse their viscosity in response to a decrease in temperature A **thermally-reversible** hydrogen peroxide composition was prepared from 15 % hydrogen peroxide solution 1.6 and Pluronic F127 0.4 g.

RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN
AN 1986:75083 CAPLUS
DN 104:75083
TI **Thermoreversible** impression material for use in dentistry
IN Skalska, Anna
PA Czech.
SO Czech., 6 pp.
CODEN: CZXXA9
DT Patent
LA Czech
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CS 225302	B	19840213	CS 1981-7717	19811021
PRAI	CS 1981-7717		19811021		

AB An agar **hydrogel** for modeling of **dental** prosthesis is prepared by dissolving agar 5 in a mixture of glycerol 44 and H2O 50 at 90-95° and treating the gel at 80° with Na citrate 0.7, K2SO4 0.1, Na2B4O7 0.1, and pentachlorophenol Na salt (I) 0.1 part. The electrolytes control the physicochem. properties of the gel and I is a preservative.

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